



**AMENDMENT TO H.R. 1588, AS REPORTED
OFFERED BY MR. PORTER OF NEVADA**

At the end of title III (page 79, after line 17), insert
the following new section:

1 **SEC. ____ DEPARTMENT OF DEFENSE PUBLIC HEALTH AS-**
2 **SESSMENT OF EXPOSURE TO PERCHLORATE.**

3 (a) **EPIDEMIOLOGICAL STUDY OF EXPOSURE TO**
4 **PERCHLORATE.—**

5 (1) **IN GENERAL.—**The Secretary of Defense
6 shall provide for an independent epidemiological
7 study of exposure to perchlorate in drinking water.

8 (2) **PERFORMANCE OF STUDY.—**The Secretary
9 shall provide for the performance of the study under
10 this subsection through the Centers for Disease Con-
11 trol, the National Institutes of Health, or another
12 Federal entity with experience in environmental toxi-
13 cology selected by the Secretary for purposes of the
14 study.

15 (3) **MATTERS TO BE INCLUDED IN STUDY.—**In
16 providing for the study under this subsection, the
17 Secretary shall require the Federal entity conducting
18 the study—



1 (A) to assess the incidence of thyroid dis-
2 ease and measurable effects of thyroid function
3 in relation to exposure to perchlorate;

4 (B) to ensure that the study is of sufficient
5 scope and scale to permit the making of mean-
6 ingful conclusions of the measurable public
7 health threat associated with exposure to per-
8 chlorate, especially the threat to sensitive sub-
9 populations; and

10 (C) to study thyroid function, including
11 measurements of urinary iodine and thyroid
12 hormone levels, in a sufficient number of preg-
13 nant women, neonates, and infants exposed to
14 perchlorate in drinking water and match meas-
15 urements of perchlorate levels in the drinking
16 water of each study participant in order to per-
17 mit the development of meaningful conclusions
18 on the public health threat to individuals ex-
19 posed to perchlorate.

20 (4) REPORT ON STUDY.—The Secretary shall
21 require the Federal entity conducting the study
22 under this subsection to submit to the Secretary a
23 report on the study not later than June 1, 2005.

24 (b) REVIEW OF EFFECTS OF PERCHLORATE ON EN-
25 DOCRINE SYSTEM.—



1 (1) IN GENERAL.—The Secretary shall provide
2 for an independent review of the effects of per-
3 chlorate on the human endocrine system.

4 (2) PERFORMANCE OF REVIEW.—The Secretary
5 shall provide for the performance of the review
6 under this subsection through the Centers for Dis-
7 ease Control, the National Institutes of Health, or
8 another appropriate Federal research entity with ex-
9 perience in human endocrinology selected by the Sec-
10 retary for purposes of the review. The Secretary
11 shall ensure that the panel conducting the review is
12 composed of individuals with expertise in human en-
13 docrinology.

14 (3) MATTERS TO BE INCLUDED IN REVIEW.—
15 In providing for the review under this subsection,
16 the Secretary shall require the Federal entity con-
17 ducting the review to assess—

18 (A) available data on human exposure to
19 perchlorate, including clinical data and data on
20 exposure of sensitive subpopulations, and the
21 levels at which health effects were observed; and

22 (B) available data on other substances that
23 have endocrine effects similar to perchlorate to
24 which the public is frequently exposed.



1 (4) REPORT ON REVIEW.—The Secretary shall
2 require the Federal entity conducting the review
3 under this subsection to submit to the Secretary a
4 report on the review not later than June 1, 2005.

